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<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	10/040,174	RAMEY, BRIAN C.	
	Examiner	Art Unit	
	Vitali Korobov	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--  
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an RCE and an amendment filed on 06/14/2007.
2. ☒ The allowed claim(s) is/are 1-12, 14-16 and 18-22, renumbered as 1-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |                                                                                                            |                                                                                        |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|                                                                                                            | 9. <input type="checkbox"/> Other _____.                                               |

  
 SALEH NAJJAR  
 SUPERVISORY PATENT EXAMINER

### **RESPONSE TO RCE**

1. This Office Action is in response to an RCE filed on 06/14/2007. Claims 1, 7, 12, 16 and 18 have been amended. Claims 13 and 17 have been previously canceled. Accordingly, claims 1-12, 14-16 and 18-22 are currently pending and have been examined in this Office Action.

### ***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous office action has been withdrawn pursuant to 37 CFR 1.114. The Applicant's submission filed on 06/14/2007 has been entered.

### **EXAMINER'S AMENDMENT**

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

4. Authorization for this Examiner's amendment was given in a telephone interview with the Attorney for the Applicant Rachelle Lieberman, Reg. No. 39,276, on September 4, 2007.

5. The application has been amended as follows:

**In the Claims:**

1. (Currently Amended) method comprising:

~~routing communication from a first partition of~~ configuring a  
computer system with a first partition having at least two computational nodes, with  
each node configured with a UART channel, formatted for headless communication;

configuring said computer system with, ~~to~~ a service processor in  
communication with said first partition, ~~formatted for headless communication,~~  
wherein said service processor providing ~~provides~~ support and maintenance of said  
computer system and said service processor having one UART channel in  
communication with said first partition and ; ~~and routing communication from said~~  
~~service processor to a remote console, wherein said service processor includes a~~  
~~channel formatted for headless communication;~~

routing communication between said UART channels of said nodes  
of said first partition and said UART channel of said service processor, including  
routing output of said headless UART channels of said computational nodes into  
said one UART channel of said service processor; and

routing communication between said service processor and a remote  
console, including communicating management commands to at least one of said  
nodes in said first partition, through said one UART channel in said service  
processor from said remote console.

7. (Currently Amended) A computer system comprising:

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a first partition having at least two computational nodes, with each node configured with a UART channel formatted for headless communication;

a service processor in communication with said first partition, said service processor to provide support and maintenance of said computer system, and said service processor having a one UART channel in communication with said first partition and formatted for headless communication to manage a communication between said first partition and a remote console, wherein said service processor provides support and maintenance of said computer system; and

~~said channel of said partition and said channel of said service processor are formatted for headless communication in compliance with headless firmware~~

a first communication routed between said UART channels of said nodes of said first partition and said UART channel of said service processor, including output of said headless UART channels of said computational nodes routed into said one UART channel of said service processor;

a second communication routed between said service processor and a remote console, including management commands communicated to at least one of said nodes in said first partition through said one UART channel in said service processor from said remote console.

12. (Currently Amended) A method for remotely communicating with a computer system, comprising:

configuring a computer system with routing communication  
between a first partition having at least two computational nodes and a second  
partition having at least two computational nodes, with each node configured with a  
UART channel of the system having a channel formatted for headless  
communication and a multiplexer;

configuring said computer system with  
routing communication between a second partition of the system  
having a channel formatted for headless communication and a multiplexer;

routing communication from said multiplexer to a service processor  
in communication with said first and second partitions through a multiplexer, said  
service processor having a channel formatted for headless communication, wherein  
said service processor provides management commands to said partitions partition;

routing communication between said UART channels of said nodes  
of said first and second partitions and said UART channel of said service processor  
through said multiplexer, including routing output of said headless UART channels of  
said computational nodes into said one UART channel of said service processor;  
and a remote console

routing communication between said service processor and a  
remote console, including management commands to at least one of said nodes in  
said first and second partitions through said one UART channel in said service  
processor from said remote console.

16. (Currently Amended) A computer system, comprising:

a first partition having at least two computational nodes, with each node configured with a UART channel formatted for headless communication;

a second partition having at least two computational nodes, with each node configured with a UART channel formatted for headless communication;

a multiplexer to manage a communication between one of said partitions and a service processor having a one UART channel formatted for headless communication, wherein said service processor provides management commands to said partitions; and

a first communication routed between said UART channels of said nodes of said first and second partitions and said UART channel of to transfer communications between said service processor through said multiplexer, including output of said headless UART channels of said computational nodes routed into said one UART channel of said service processor; and

a second communication routed between said service processor and a remote console, including management commands communicated to at least one of said nodes in said first partition through said one UART channel in said service processor from said remote console.

18. (Currently Amended) The system of claim 16, further comprising a multiplexer control to select one of a plurality of said partitions for communication with said remote console.

### **REASONS FOR ALLOWANCE**

6. Claims 1-12, 14-16 and 18-22 are allowable over the prior art of record.
7. This communication warrants no examiner's reason for allowance, as applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104 (e). In this case, the substance of applicant's remarks in the Amendment filed on 20 March 2006 with respect to the amended claim limitations and further amended claim limitations in the foregoing Examiner's Amendment point out the reason claims are patentable over the prior art of record. Thus, the reason for allowance is in all probability evident from the record and no statement for examiner's reason for allowance is necessary (see MPEP 13202.14).
8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **CONTACT INFORMATION**

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Vitali Korobov whose telephone number is 571-272-7506. The examiner can normally be reached on Mon-Friday 8a.m. - 4:30p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571)272-4006. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Vitali Korobov  
Examiner  
Art Unit 2155

VAK  
09/04/2007

  
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